Now Hiring

PhD Biostatistician - Bioinformatics

Data and Statistical Core (DASC) at the Rocky Mountain MIRECC for Suicide Prevention

Military & Veteran Microbiome Consortium for Research & Education (MVM-CoRE)

www.mirecc.va.gov/visn19/MVM/

We are seeking a collaborative PhD Biostatistician with bioinformatics experience

This biostatistician will provide support to exciting and novel human microbiome studies supporting discovery on the connections between the microbiome and mental health. This role is a part of the Rocky Mountain Mental Illness Research, Education and Clinical Center (MIRECC) where our overall mission is to study suicide with the goal of reducing suicidal ideation and behaviors in the Veteran population. The MIRECC is led by the Director, Dr. Lisa Brenner.

About the MVM-CoRE

Dr. Andrew Hoisington serves as the Associate Director of the MVM-CoRE and has overseen an expansion of the program in the last year. The mission is to advance microbiome science and education to benefit military personnel, Veterans and their families.

About the DASC

Led by Dr. Jeri Forster, the DASC's growing team of analysts, epidemiologists, programmers, and statisticians supports the diverse research conducted at the Rocky Mountain Mental Illness, Research, Education and Clinical Center (MIRECC).

Required Experience

- Statistical analysis and bioinformatics processing via statistical software (R, SAS, Python, Unix), may include, but is not limited to:
  - Bioinformatics processing for bacterial and/or fungal DNA target regions (required)
  - Whole genome sequencing (strongly preferred)
  - RNA sequencing (preferred)
- Development of custom scripts and pipelines using standard bioinformatics tools
- Development of custom data visualizations
- Collaboration on manuscripts including written provision of analytic methods and results sections, tables and graphs

Strongly Preferred Experience

- Study design and analysis planning for VA and/or NIH grants, may include, but is not limited to:
  - Pilot/feasibility/acceptability trials
  - Single and multi-site randomized controlled trial design
  - Big data linkage and secondary analysis studies
  - Large-scale survey studies
- Provision of analytical support to human health research projects
- Interpretation of quantitative polymerase chain reaction results for DNA and RNA
- Preparation of comprehensive results reports for study teams with an emphasis on interpretation

Preferred Experience

- Review and submit genomic data to public databases
- Apply appropriate statistical process for genomic datasets
- Ability to maintain electronic file records for multiple studies

Location: Aurora, CO or Remote*
***for qualified applicants**

To learn more or apply, email:
Andrew.Hoisington@va.gov or Jeri.Forster@va.gov

ROCKY MOUNTAIN MIRECC FOR SUICIDE PREVENTION

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MVM CoRE